

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
54	BRS	1	capacitor with series with trench and (photo\$5 or sensor) and pixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:43		0
55	BRS	156	pixel adj cell with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:44		0
56	BRS	5	pixel adj cell with capacitor with (series or serial\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:45		0
57	BRS	14	pixel adj cell near capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:35		0
58	BRS	658	photogate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:36		0
59	BRS	164	photogate same floating adj diffusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:36		0
60	BRS	1	photogate same floating adj diffusion and float\$4 adj diffusion near capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:44		0
61	BRS	1	photogate and float\$4 adj diffusion near capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:44		0
62	BRS	14	photodiode and float\$4 adj diffusion near capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 13:44		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
1	BRS	56	pixel and collect\$4 with \$5sensor and capacitor with seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:14		0
2	BRS	4	pixel and collect\$4 with \$5sensor and capacitor with seri\$5 with collect\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 19:32		0
3	BRS	5	pixel near cell and collect\$4 with \$5sensor and capacitor with seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 19:34		0
4	BRS	0	pixel and collect\$4 with \$5sensor and capacitor with seri\$5 and capacitor with trench	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 09:32		0
5	BRS	3	pixel and collect\$4 with \$5sensor and (float\$4 near diffusion or FD)and seri\$5 and capacitor with trench	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 09:37		0
6	BRS	3	pixel and collect\$4 with capacitor with \$5sensor and (float\$4 near diffusion or FD) and capacitor with trench	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 09:41		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
7	BRS	11	pixel and collect\$4 with capacitor with \$5sensor and (float\$4 near diffusion or FD)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 09:41		0
8	BRS	407	pixel and collect\$4 with \$5sensor and capacitor and seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:02		0
9	BRS	40	pixel and collect\$4 with \$5sensor with capacitor and seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:06		0
10	BRS	20	pixel and collect\$4 with \$5sensor with capacitor and seri\$5 and float\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:03		0
11	BRS	10	pixel and collect\$4 with \$5sensor with capacitor and seri\$5 and float\$4 near diffusion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:04		0
12	BRS	10	pixel and collect\$4 with \$5sensor with capacitor and seri\$5 and (float\$4 near diffusion or fd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:04		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Conditions	Errors
13	BRS	3	pixel and collect\$4 with \$5sensor with capacitor and capacitor with trench and seri\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:07			0
14	BRS	4	pixel and collect\$4 with \$5sensor with capacitor and capacitor with trench	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 10:07			0
15	BRS	5	pixel and collect\$4 with \$5sensor and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:13			0
16	BRS	2	photogate and collect\$4 with \$5sensor and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:15			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Conditions	Errors
17	BRS	7	photogate and collect\$4 and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:20			0
18	BRS	7	photogate and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:20			0
19	BRS	33	(photogate or photodiode) and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:21			0
20	BRS	20	(photogate or photodiode) and collect\$5 and capacitor with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:43			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Conditions	Errors
21	BRS	23	(photogate or photodiode) and capacitor with (coupl\$4 or connect\$4) with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:44			0
22	BRS	24	(photogate or photodiode or photo adj gate or photo adj diode) and capacitor with (coupl\$4 or connect\$4) with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 13:51			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
23	BRS	29	(photo\$7 or photo adj sensor or photo adj gate or photo adj diode) and capacitor with (coupl\$4 or connect\$4) with seri\$5 and transfer\$4 near (transistor or gate) and reset near (transistor or gate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 14:34		0
24	BRS	51	capacitor with (coupl\$4 or connect\$4) with seri\$5 and source near follower and row near select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 14:36		0
25	BRS	9	Capacitor with (coupl\$4 or connect\$4) with seri\$5 and source near follower and row near select and (float\$4 near diffusion or fd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 22:11		0



	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Corrections
26	BRS	24	pixel and capacitor with (coupl\$4 or connect\$4) with seri\$5 and source near follower and (float\$4 near diffusion or fd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 17:58		0
27	BRS	10	5464984.URPN.	USPAT	2004/03/11 23:24		0
28	BRS	8	pixel and capacitor with (coupl\$4 or connect\$4) with seri\$5 and source adj follower and row adj select and (float\$4 near diffusion or fd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/11 23:28		0
29	BRS	10	5464984.URPN.	USPAT	2004/03/12 17:11		0
30	BRS	4	5464984.URPN. and capacitor	USPAT	2004/03/12 17:09		0
31	BRS	4	5464984.URPN. and capacitor and pixel	USPAT	2004/03/12 17:09		0
32	BRS	1	5464984.URPN. and capacitor with pixel	USPAT	2004/03/12 17:09		0



	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Corrections	Errors
33	BRS	16	("4322752"   "4330796"   "4543534"   "4558365"   "4689487"   "4765681"   "4810881"   "4980769"   "5043582"   "5105087"   "5194736"   "5220170"   "5245191"   "5274476"   "5369281"   "5381013") .PN.	USPAT	2004/03/12 17:11			0
34	BRS	6	pixel near cell with capacitor with (coupl\$4 or connect\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 17:22			0
35	BRS	86	with ser\$5 pixel and\$5 capacitor with (coupl\$4 or connect\$4) and source near follower and (float\$4 near diffusion or fd) and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:00			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Conditions	Errors
36	BRS	77	pixel near cell and capacitor with (coupl\$4 or connect\$4) and source near follower and (float\$4 near diffusion or fd) and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj se	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:01			0
37	BRS	59	pixel near cell and storage near capacitor with (coupl\$4 or connect\$4) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj se	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:06			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Information
38	BRS	3	pixel near cell and storage near capacitor with (float\$4 near diffusion or fd) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:11		0
39	BRS	0	pixel near cell and storage near capacitor near (float\$4 near diffusion or fd) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:12		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Corrections	Errors
40	BRS	0	pixel and capacitor near (float\$4 near diffusion or fd) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:12			0
41	BRS	2	pixel and capacitor near3 (float\$4 near diffusion or fd) and source near follower and (float\$4 near diffusion or fd) with (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj se	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:28			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
42	BRS	0	pixel and capacitor near (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:28		0
43	BRS	9	pixel and capacit\$4 near (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 18:52		0
44	BRS	11	pixel and capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:15		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Confirmation
45	BRS	11	capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor) and row adj select	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:16		0
46	BRS	31	capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:32		0
47	BRS	5	stor\$4 with capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and source near follower and (photosensor or photodiode or photo adj diode or photo adj sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:36		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
48	BRS	6	stor\$4 with capacit\$4 with (connect\$4 or coupl\$4) with (float\$4 near diffusion or fd) and (photosensor or photodiode or photo adj diode or photo adj sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/12 19:37		0
49	BRS	380	capacitor with seri\$5 and trench with capacitor and plate with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:24		0
50	BRS	81	capacitor with seri\$5 with trench and plate with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:16		0
51	BRS	27	stor\$4 with capacitor with seri\$5 with trench and plate with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:17		0
52	BRS	30	stor\$4 with capacitor with seri\$5 with trench and (plate or stud or stack\$3) with capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:18		0
53	BRS	16	capacitor with series with trench and (photo\$5 or sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/15 12:38		0